Two Issues (Technical Data Standards and Training Requirements)

The standards specified for the data structure are not conducive to interoperability and open system architecture in a web enabled environment. Technical data and training requirements must be similar in kind.

- Technical Data Standards

  – Is it guidance or standards.

  The document uses the terms "standards" and "guidance" interchangeably

  – The standards are open ended allowing for multiple data structures. (PDF, SGML, HTML)

  – Allows for proprietary tagging and front-ends

  "customization"

- Technical Data Standards

  – Allows OEM to establish proprietary standard.

  – Promotes conversion to PDF. Why pay for interim step when the costs to convert to a mark-up language formatted document may be the same or negligable?

  – Needs to specify XML as the standard.

- Technical Data Standards

  - Too many standards and guidance documents allowing for multitude of technical pubs in different formats.
  - Drawings and schematics are still an issue in a electronic form. Industry has advanced that the technology to condense and expand electronic foldouts is available. This is still a moving target that could impact class 4 /5 IETMS.

- Training Requirements
  - Technical pubs require a single DTD for acquisition of web based instruction.
  - SCORM provides a single standard to tag tech pubs to Shareable Content Objects (SCO).

    Provides for the single standard for interoperability, searchable, reuseable, other bilities.
  - The reusability factor will provide ROI /cost savings of CBT development if technical data (text,graphics, drawings etc) was available in a SCORM compliant IETM and utilized as is. (Contractors currently rework most provided materials).

- Training Requirements
  - MIL-PRF 29612 (Acquisition of Computer Based Training) requires integration of tech pubs to training courseware.
  - Requires use of Defense Data Dictionary for tagging.
  - MIL-STD 3001 (XML) has framework but needs SCORM requirements.
  - Technical data is produced in single XML SCORM compliant standard it will be interoperable,searchable, and reusable by any entity.

- Results

TECHNICAL DATA IS TRAINING
  DATA